



California Regional Water Quality Control Board Central Valley Region

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8 August 2007

Robert Eisenman & Linda Stockstill
Ayrael Vieux Winery, LLC.
5957 Chabot Crest
Oakland, CA 94618

NOTICE OF APPLICABILITY OF RESOLUTION NO. R5-2003-0106, AYRAEL VIEUX WINERY, CALAVERAS COUNTY

Regional Water Board staff has reviewed your 2 July 2007 Report of Waste Discharge (RWD) for coverage under Resolution No. R5-2003-0106, *Waiver of Waste Discharge Requirements for small Food Processors, Including Wineries, Within the Central Valley Region*. Additional information was received on 25 July 2007. The RWD included a filing fee of \$872. Our review finds the RWD to be complete.

Resolution No. R5-2003-0106 (a copy of which is enclosed), adopted by the Regional Water Board on 11 July 2003, is a conditional waiver of waste discharge requirements for small food processors including wineries. Based on the information you have submitted, the discharge as described in the RWD satisfies the general and specific conditions of Resolution No. R5-2003-0106 for the projected volume of wastewater to be produced.

Discharge Description

Robert Eisenman & Linda Stockstill (Discharger) will own and operate a new winery (Ayrael Vieux Winery) located at 1690 Monge Ranch Road in Douglas Flat, Calaveras County. The winery will be located on approximately 5.91 acres. Future plans include planting 1.5 acres of vineyards, constructing a winery production building, and landscaping around the property. During the first year of operation the Discharger plans to crush approximately 3 tons of grapes. At full production approximately six tons of grapes will be processed, resulting in approximately 350 cases of wine being produced. At full production, the Discharger expects to generate approximately 7,500 gallons of winery process wastewater annually. All activities producing wastewater will either be conducted inside of the winery building or on a concrete pad adjacent to the winery building during periods of no precipitation.

Wastewater generated during winery processing activities will be captured by a trench drain system located around the perimeter of the concrete pad. Wastewater in the trench drain system flows into a catchment basin (underground sump) adjacent to the winery building. The catchment basin will be equipped with an automatic sump pump that will pump wastewater into a 500-gallon polyethylene aboveground storage tank. During the winery crush season (September and October) the storage tank will be visually monitored on a daily basis to determine when the tank needs to be emptied. During non-crush season, the storage tank will

be visually monitored on a bi-weekly basis. To prevent nuisance and odor condition, the tank will be equipped with an airtight lid.

The primary method of wastewater disposal will be to apply the process winery wastewater to 1.5 acres of vineyards, 0.5 acres of landscape areas, and 2 acres of pastureland. Wastewater will be applied to the land application via a gravity fed irrigation system. In the event of prolonged precipitation events when wastewater cannot be applied to the land application areas (vineyard, landscape areas and pastureland), the Discharger will haul the wastewater offsite for disposal to an approved wastewater treatment facility.

The Discharger has estimated the maximum volume and strength of wastewater that will be produced and has calculated the expected maximum hydraulic and agronomic loading rates for the proposed disposal area. Based on these calculations, the proposed land application area should have adequate hydraulic and nutrient uptake capacity to receive the total wastewater discharge from this facility and remain protective of groundwater and surface water quality. The estimated volume of wastewater used to calculate the maximum loading rates was 7,500 gallons per year. To prevent nuisance and odor conditions, process wastewater will be diluted with potable water prior to being discharged to the land application areas.

Solid waste produced by the facility will consist of approximately one and half tons of grape stems, pomace, and lees, assuming that six tons of grapes are processed. Grape stems will be separated from the pomace and lees and be spread throughout the vineyards and vineyard roads for erosion control. Pomace and lees will be hauled off site for disposal to the Calaveras County Solid Waste Disposal Facility.

Conditional Waiver

Based on the information submitted in the RWD, the discharge as described above satisfies the general and specific conditions of Resolution No. R5-2003-0106 for the current amount of wastewater produced. Therefore, this letter serves as formal notice that Resolution No. R5-2003-0106 is applicable and waste discharge requirements for this facility are waived.

Enclosed is a copy of Resolution No. R5-2003-0106 and the associated monitoring and reporting program. As described therein, an annual report must be submitted by 1 February of each year.

If the Discharger violates the terms or conditions of the waiver, the Regional Water Board may take enforcement action, including assessment of administrative civil liability. If the method of winery wastewater or solids disposal change from those described in the RWD, you must submit a new RWD. Please note that the waiver will expire on 11 July 2008, at which time you must submit a new RWD with filing fee to renew the waiver, or cease the discharge.

Robert Eisenman & Linda Stockstill
Ayrael Vieux Winery, LLC.

8 August 2007

If you have any questions, please contact Scott Kranhold at (916) 464-4689.

PAMELA C. CREEDON
Executive Officer

encl: Resolution No. R5-2003-0106

cc w/o encl: Brian Moss, Calaveras County Environmental Health Department, San Andreas